WHAT IS CLAIMED IS:

- 1. A semiconductor device comprising:
- a semiconductor substrate;
- at least one dielectric film arranged on the substrate and having an opening;
 - a conductive portion filling the opening; and at least one dielectric member embedded in the conductive portion that fills the opening.

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- 2. The semiconductor device according to claim 1, wherein the at least one dielectric member is arranged in an island-like manner in the opening.
- 15 3. The semiconductor device according to claim 1 having a multilayer wiring structure including a lower wiring layer, which is arranged on the semiconductor substrate, wherein the conductive portion is formed in the lower wiring layer.

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- 4. The semiconductor device according to claim 1, wherein the conductive portion includes an external electrode terminal.
- 25 5. A method for manufacturing a semiconductor device comprising:

forming an opening in a dielectric film arranged above the semiconductor substrate so as to leave a dielectric projection in the opening;

filling the opening with a metal; and flattening the surface of the metal using the upper surface of the dielectric film as a stopper.

- 6. A semiconductor device comprising:
- a semiconductor substrate;
- at least one dielectric film arranged on the substrate and including an upper surface, a lower surface, and an opening;
- at least one dielectric member arranged in the opening; and
- a conductive portion filling the opening so as to surround the at least one dielectric member.

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- 7. The semiconductor device according to claim 6, wherein the dielectric member has a height that is the same as the thickness of the dielectric film.
- 15 8. The semiconductor device according to claim 6, wherein the dielectric member has an end flush with the upper surface of the dielectric film and a further end flush with the lower surface of the dielectric film.
- 9. The semiconductor device according to claim 6, wherein the at least one dielectric member is one of a plurality of separated dielectric members.
- 10. The semiconductor device according to claim 6, wherein the conductive portion has a flat surface flush with the upper surface of the dielectric film.
 - 11. A method for manufacturing a semiconductor device comprising:
- forming a dielectric film arranged above a semiconductor substrate;

forming an opening in the dielectric film so as to leave a dielectric projection in the opening by removing

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part of the dielectric film;

filling the opening with a metal; and

flattening the metal so that the upper surface of the dielectric film is flush with the upper surface of the metal.